

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of interpreting data input to an electronic form-based data entry system, including the steps of, performed in a processing system:
receiving movement data from a moveable input device, the movement data associated with a particular field of an electronic form and being generated by the moveable input device based on movement of the moveable input device within a corresponding particular field of a printed form associated with the electronic form;
determining one or more possible variables of information content in the movement data by applying at least one handwriting algorithm to the movement data; and
determining a preferred variable of the information content by utilising at least one parameter associated with the particular field of the electronic form.
2. (Currently Amended) A method of interpreting data input to an electronic form-based data entry system, including the steps of, performed in a processing system:
receiving movement data from a moveable input device, the movement data associated with a particular field of an electronic form and being generated by the moveable input device based on movement of the moveable input device within a corresponding particular field of a printed form associated with the electronic form;
limiting the types of possible variables of information content in the movement data by utilising at least one parameter associated with the particular field of the electronic form; and
determining a preferred variable of the information content, from the limited types of possible variables of information content, in the movement data by applying at least one handwriting algorithm to the movement data.
3. (Original) The method as claimed in either claim 1 or 2, wherein determining the preferred variable of the information content utilises a probability value assigned to each of the possible variables of information content.

4. (Original) The method as claimed in either claim 1 or 2, wherein determining the preferred variable of the information content is performed contemporaneously with receiving the movement data.

5. (Currently Amended) The method as claimed in ~~any one of the preceding claims~~ claim 1 or 2, wherein the moveable input device is a pen-like device.

6. (Currently Amended) The method as claimed in ~~any one of the preceding claims~~ claim 1 or 2, wherein determining the possible variables of information content utilises stroke information contained within the movement data.

7. (Currently Amended) The method as claimed in ~~any one of the preceding claims~~ claim 1 or 2, wherein the particular field of the electronic form is associated with a pre-defined dictionary of possible variables of information content, the dictionary being used in determining the preferred variable of the information content.

8. (Currently Amended) The method as claimed in claim 7 wherein, certain entries in the dictionary are assigned a higher probability of being the preferred variable of the information content.

9. (Currently Amended) The method as claimed in ~~either of claims 7 or 8~~ claim 7, wherein the particular field of the electronic form is a name field and the dictionary includes an indication of gender associated with selected names.

10. (Currently Amended) The method as claimed in ~~any one of the preceding claims~~ claim 1 or 2, wherein the particular field of the electronic form is an address field having sub-fields arranged hierarchically such that the preferred variable of the information content in a sub-field may be used to constrain possible variables of information content in another sub-field.

11. (Currently Amended) The method as claimed in ~~any one of the preceding claims~~ claim 1 or 2, wherein the particular field of the electronic form is a telephone number field and the possible variables of information content are constrained to includes only numerals.

12. (Currently Amended) The method as claimed in ~~any one of the preceding claims claim 1 or 2~~, wherein the particular field of the electronic form is a credit card number field and the possible variables of information content are constrained to include only a fixed number of numerals, the numerals being further verifiable by use of a checksum.

13. (Currently Amended) The method as claimed in ~~any one of the preceding claims claim 1 or 2~~, wherein the particular field of the electronic form from the set including: zip/post code; country; date; email address; or language.

14. (Currently Amended) The method as claimed in ~~any one of the preceding claims claim 1 or 2~~, wherein the electronic form is implemented using one of the standardized file formats: HTML, XML, PDF or XForms.

15. (Cancelled)

16. (Cancelled)

17. (Currently Amended) The method as claimed in ~~any one of the preceding claims claim 1 or 2~~, wherein a field mask is associated with the particular field of the electronic form, the field mask used to check that a possible variable of information content conforms with a predefined string pattern.

18. (Currently Amended) The method as claimed in ~~any one of the preceding claims claim 1 or 2~~, wherein a possible variable of information content is derived from a selection list, or combination list, involving previously determined preferred variables.

19. (Currently Amended) The method as claimed in ~~any one of the preceding claims claim 1 or 2~~, wherein the ~~electronic-printed~~ form is a paper-based interface provided with coded markings.

20. (Original) The method as claimed in claim 19, wherein the coded markings are a pattern of infrared markings.

21. (Currently Amended) The method as claimed in ~~any one of the preceding claims~~
claim 1 or 2, wherein the moveable input device is an optically imaging pen.

22. (Currently Amended) The method as claimed in ~~any one of the preceding~~
~~claims~~claim 1 or 2, wherein each electronic form is uniquely identified and stored on a
network server.

23. (Cancelled)

24. (Cancelled)